

# WETLAND DETERMINATION DATA FORM – Great Plains Region

Project/Site: Wetlands / Rocky Flats Site City/County: Jefferson Sampling Date: 8/21/14  
 Applicant/Owner: AOE State: CO Sampling Point: GS10-B (104)  
 Investigator(s): Jody Nelson Section, Township, Range: T2S, R70W, Sec. 11  
 Landform (hillslope, terrace, etc.): Stream Local relief (concave, convex, none): Concave Slope (%): 1-2  
 Subregion (LRR): G Lat: 750348.748 Long: 2086803.848 Datum: NAD83  
 Soil Map Unit Name: NA mitigate area NWI classification: NA  
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No      (If no, explain in Remarks.)  
 Are Vegetation     , Soil X, or Hydrology X significantly disturbed? Are "Normal Circumstances" present? Yes      No X  
 Are Vegetation     , Soil     , or Hydrology      naturally problematic? (If needed, explain any answers in Remarks.)

## SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u>    </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u>    </u>
Hydric Soil Present? Yes <u>X</u> No <u>    </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u>    </u>	
Remarks: <u>Mitigation area. New normal circumstances. Stream used to flow in pipe at this location. Area brought above grd when GS10 Flume was replaced.</u>	

## VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: <u>    </u> )	Absolute % Cover	Dominant Species?	Indicator Status	<b>Dominance Test worksheet:</b> Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. <u>    </u>				
2. <u>    </u>				
3. <u>    </u>				
4. <u>    </u>				
<u>    </u> = Total Cover				<b>Prevalence Index worksheet:</b> Total % Cover of: <u>    </u> Multiply by: OBL species <u>    </u> x 1 = <u>    </u> FACW species <u>    </u> x 2 = <u>    </u> FAC species <u>    </u> x 3 = <u>    </u> FACU species <u>    </u> x 4 = <u>    </u> UPL species <u>    </u> x 5 = <u>    </u> Column Totals: <u>    </u> (A) <u>    </u> (B) Prevalence Index = B/A = <u>    </u>
<b>Sapling/Shrub Stratum</b> (Plot size: <u>Wetland</u> )				
1. <u>SAEX1</u>	<u>2</u>		<u>FACW</u>	
2. <u>    </u>				
3. <u>    </u>				
<u>    </u> = Total Cover				
<b>Herb Stratum</b> (Plot size: <u>Wetland</u> )				<b>Hydrophytic Vegetation Indicators:</b> <u>    </u> 1 - Rapid Test for Hydrophytic Vegetation <u>X</u> 2 - Dominance Test is >50% <u>    </u> 3 - Prevalence Index is ≤3.0 <sup>1</sup> <u>    </u> 4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <u>    </u> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain) <sup>1</sup> Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. <b>Hydrophytic Vegetation Present?</b> Yes <u>X</u> No <u>    </u>
1. <u>TYAN1</u>	<u>10</u>	<u>Y</u>	<u>OBL</u>	
2. <u>POME1</u>	<u>12</u>	<u>Y</u>	<u>FACW</u>	
3. <u>AGSC1</u>	<u>&lt;1</u>		<u>FAC</u>	
4. <u>AGCA1</u>	<u>4</u>		<u>FACU</u>	
5. <u>PACA1</u>	<u>&lt;1</u>		<u>FAC</u>	
6. <u>MEOP1</u>	<u>&lt;1</u>		<u>FACU</u>	
7. <u>KOSCI</u>	<u>&lt;1</u>		<u>FACU</u>	
8. <u>VEAN1</u>	<u>&lt;1</u>		<u>OBL</u>	
9. <u>BRJA1</u>	<u>&lt;1</u>		<u>FACU</u>	
<u>27.5</u> = Total Cover				
<b>Woody Vine Stratum</b> (Plot size: <u>    </u> )				
1. <u>    </u>				
2. <u>    </u>				
<u>    </u> = Total Cover				
% Bare Ground in Herb Stratum <u>75%</u>	<u>    </u> = Total Cover			
Remarks: <u>&lt;1 = 0.25%</u> <u>includes area of TRM</u>				

Sampling Point: G510-B (104)

## HYDROLOGY

Great Plains – Version 2.0

# Wetland Qualitative Revegetation Evaluation Form

Form # \_\_\_\_\_

Date 8/21/14  
 Observer(s) Jody Nels-  
 Location ID GSD-β (104)

Photographs taken today? Y ☒ N taken earlier

Are desired wetland plant species present? ☒ Y N

Are there any issues regarding the establishment of the desired wetland species? Explain, if so.

no

Are the hydrologic conditions appropriate for successful establishment and sustainability of the wetland. If not, describe the problem/issue.

yes

## Woody Plant Counts

Species	Stem Count	Height			Width		
		1	2	3	1	2	3
<u>SAEXI</u>	<u>18</u>	<u>5'</u>	<u>2½'</u>	<u>3'</u>	<u>2'</u>	<u>1'</u>	<u>1'</u>

Noxious weed evaluation. See separate noxious weed evaluations conducted throughout the summer months (June – August).

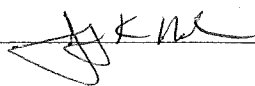
Suggestions for management:

Control weeds as needed. CIARI sprayed earlier  
in summer.

Other comments:

Area starting to fill in w/ wetland species.

Completed by: John K. Nels



Date 8/20/19

8/21/19 